

HIGHTEC BRAKE FLUID DOT 4 LV

Fully synthetic, low viscosity brake fluid for modern ESP and ABS control systems in compliance with DOT 4 and ISO Class 6.

Description

HIGHTEC BRAKE FLUID DOT 4 LV is a fully synthetic, low viscosity brake fluid for modern ESP and ABS control systems. It is based on glycols with oxidation and corrosion inhibitors and has high reserves for dry and wet boiling temperatures in compliance with DOT 4 and ISO Class 6.

Application

HIGHTEC BRAKE FLUID DOT 4 LV has been developed specifically for use in modern ESP and ABS control systems. It is characterised by its high boiling and wet boiling point, in conjunction with a significantly reduced viscosity. As a result, reliably rapid and sensitive controlled braking operations for the ABS and ESP systems are made possible, even under extreme conditions. HIGHTEC BRAKE FLUID DOT 4 LV is used for multi-functional purposes in brake and clutch systems for passenger cars and commercial vehicles and is backward compatible with brake fluids according to DOT 3, DOT 4 and ISO Class 4 among others.

The quality of this product is equivalent to EU regulations

- FMVSS 116 DOT 4
- SAE J 1703/1704
- ISO 4925 Class 3/4/6
- JIS K2233 Class 3/4/6

Additionally this product is recommended when the following filling instructions are required

- Ford WSS-M6C65-A2
- VW 501 14

Typical characteristics

| Property | Method | Unit | Value |
|------------------------------|--------------------------|--------------------|----------------|
| Density at 20 °C | ASTM D1122 | g/ml | 1.064 |
| Viscosity at -40 °C | DIN EN ISO 3104 | mm ² /s | 700 |
| Boiling point ERBP | FMVSS 116 | °C | 265 (min. 250) |
| Wet boiling point Wet - ERBP | FMVSS 116 SAE J1703/1704 | °C | 170 (min. 165) |

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe-oil.com).

Benefits

- Outstanding economy grade for multi-functional use in passenger cars, commercial vehicles, buses, as well as agricultural and construction machinery if a brake fluid is required according to one of the above mentioned specifications.
- It meets the stringent ISO Class 6 requirements and is backward compatible with conventional DOT 3, DOT 4 and ISO Class 4 brake fluids
- The low viscosity and excellent viscosity-temperature behaviour ensure rapid controlled braking operations by the ABS and ESP systems
- The very high dry and wet boiling points provide additional protection against vapour lock when severe stress is imposed on the brake system
- Protection of brake and clutch hydraulics against deposits and corrosion
- Miscible and compatible with other synthetic brake fluids of performance grade DOT 3, DOT 4 and DOT 5.1. However, in order to exploit the full product benefits, a complete brake fluid change is recommended.

Notices

Under no circumstances may HIGHTEC BRAKE FLUID DOT 4 LV be mixed with mineral or silicone-based fluids (e.g. LHM or DOT 5).

